

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 12388


Application ID: 09682531

Title of Invention: DEMAGNETIZATION FOR A  
MOTOR IN AN ELECTRIC OR  
PARTIALLY ELECTRIC MOTOR  
VEHICLE

First Named Inventor: Abbas Raftari

Domestic/Foreign Application: Domestic Application

Filing Date: null

Effective Receipt Date: 2001-09-17 

Submission Type: Utility Patent Filing

Filing Type: new-utility

Confirmation Number: 0

Attorney Docket Number: 201-0532 KAV

Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US

Certificate Message Digest: XrkzdrB2PGlhCdTjY7os8A==

Total Fees Authorized: \$750.0

Payment Category: DA - Deposit Account

Deposit Account Number: 61510

Deposit Account Name: Sheri L. Charles

# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 201-0532 KAV

## DEMAGNETIZATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR VEHICLE

First Named Inventor: Abbas Raftari

### SUBMITTED BY

Organization Name:

Ford Motor Comany

Name:

Sheri Lynn Charles Electronic  
Application Specialist

Electronic Signature Mark: /slc

Date Signed: 20010914

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal

201-0532apds.xml

fee-transmittal

201-0532fee.xml

patent-assignment

201-0532asgn.xml

specification

specification.xml

declaration

declaration 1 of 4.tif

declaration 2 of 4.tif  
declaration 3 of 4.tif  
declaration 4 of 4.tif  
prior art.tif  
consent.tif

declaration 1 of 4.tif  
declaration 2 of 4.tif  
declaration 3 of 4.tif  
declaration 4 of 4.tif  
prior art.tif  
consent.tif

[illegible]

**Comments:**

[illegible]

## DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket No.  
201-0532

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled

**DEMAGNETIZATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR VEHICLE**

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or☐ such applications have been filed as follows:☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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**POWER OF ATTORNEY:** - I/we hereby appoint the following Practitioners: Customer No. 28575, Reginald J. Hill - 39,225 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Address all correspondence and telephone calls to:

Reginald J. Hill  
R. J. Hill & Associates  
19 South LaSalle Street Suite 1402  
Chicago, IL 60603 Phone: 312-236-3672

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Abbas Raftari 19581 Maxwell Road Northville, MI 48167 US	Northville, MI 48167 US	U.S.A	<i>Abbas Raftari</i>	9/14/01
Patrick J. Curran 17883 Stonebrook Court Northville, MI 48167 US	Northville, MI 48167 US	U.S.A		
Vijay K Garg 2664 Hunters Courts Canton Canton, MI 48188 US	Canton, MI 48188 US	U.S.A		


Attorney Docket No: 201-0532

Please call 313-322-7725 if this paper becomes separated from the file.

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R. J. Hill & Associates  
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Chicago, IL 60603 Phone: 312-236-3672

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Patrick J. Curran 17883 Stonebrook Court Northville, MI 48167 US	Northville, MI 48167 US	U.S.A		2/29/01
Vijay K Garg 2664 Hunters Courts Canton Canton, MI 48188 US	Canton, MI 48188 US	U.S.A		

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Patrick J. Curran 17883 Stonebrook Court Northville, MI 48167 US	Northville, MI 48167 US	U.S.A		
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 2-83) Patent and Trademark Office  
**INFORMATION DISCLOSURE STATEMENT**  
**BY APPLICANT**  
(Use several sheets if necessary)

Attorney's Docket Number  
50039-10070

Serial No.

Applicant

Abbas Raftari, et al.

Filing Date

Group Art Unit

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	0	3	9	8	5	3	8/77	Koizumi et al.	307	101	
	4	8	1	1	6	0	9	3/89	Nishibe et al.	73	862.36	
	4	9	1	6	3	6	8	4/90	Onoda et al.	318	723	
	5	6	5	0	7	0	6	7/97	Yamada et al.	318	701	
	5	6	8	9	1	6	6	11/97	Nagayama et al.	318	721	

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
											YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. 201-0532  
Date: September 13, 2001

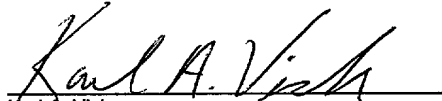
Sir:

Inventor(s):  
Vijay Garg  
Patrick Curran  
Abbas Raftari

For: **DEMAGNETIZATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR  
VEHICLE**

The attorney or agent below has reviewed this application and its attachments and consents to  
electronic filing by the assignee.

Respectfully submitted:



Karl A. Vick  
Attorney or Agent of Record  
Registration No. 33,288  
Ford Global Technologies, Inc.  
One Parklane Blvd.,  
600 Parklane Towers East  
Dearborn, MI 48126  
Telephone: 313-323-8130

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 750**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20010914

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 80	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

[illegible]

**Subtotal For Additional Fees: \$ 40**